

50X1-HUM

S-E-C-R-E-TDEPARTMENT OF PHYSICOMATHEMATICAL SCIENCES

K.P. Persidskiy, Active Member of the academy, is Academician-President of the department. He is also a member of the Sector of Mathematics and Mechanics.(6)

Astrophysics Institute

Academician V.G. Fesenkov is in charge of research on the process of formation of stars from gaseous and dust clouds. This research is based on the dialectical method of research on objects in the galactic system.(6)

No other members of the institute have been identified.

Physicotechnical Institute

Zh.S. Takibayev, Candidate of Physicomathematical Sciences, is director of this institute.(6)

Sector of Mathematics and Mechanics

The General Meeting of the academy confirmed O.A. Ahautykov as head (rukovoditel) of the sector.(6) (In a report on a conference(7), "zaveduyushchiy" was used for "head." This may mean that a sector does not have the same standing as an institute, the heads of which are generally referred to as directors).

Other scientists affiliated with the sector are the following:

K.P. Persidskiy, Active Member of the academy; in charge of work on the theory of stability and on infinite systems of differential equations.(2)

I.Ya. Akushskiy, I.D. Molyukov, and V.V. Strel'tsov, Senior Scientific Associates of the sector.(7)

Sector of Astrobotany

N.I. Kucherov, Candidate of Physicomathematical Sciences, was confirmed as head of the sector at the General Meeting of the academy.(6)

Other members are the following:

G.A. Tikhov, Corresponding Member of the Academy of Sciences USSR and Active Member of the Academy of Sciences Kazakh SSR. Tikhov has been working on a new hypothesis concerning the paleobotany of Mars. In a speech at the General Meeting of the academy, Tikhov urged the organization of an astrobiological station in the region of the city of Turkistan, in order to take advantage of the close approach of Mars to the earth.(6)

K.I. Koslova, aspirant of the sector.(5) Koslova is author of an article entitled "A Comparison of the Reflective Properties of the 'Seas' of Mars With the Spectral Reflective Capacity of Certain of the Earth's Plants."(4)

DEPARTMENT OF MINERAL RESOURCES

A.B. Bekturov, Active Member of the academy(6), is Academician-President of the department.(1)

- 2 -

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

Institute of Mining

The address of the institute is Ul. Shevchenko 17, Alma-Ata.(9)

A.Ch. Musin, Candidate of Technical Sciences, is director of the institute.(6) Other members are the following:

I. Chermushentsev, Candidate of Technical Sciences.(8)

K.S. Makarov, head of the Division of Aspirants in the institute. Makarov was criticized for the poor fulfillment of the plan for Aspirants for 1952.(6)

Sharipov (fnu), Candidate of Technical Sciences, in charge of research done in conjunction with industry.(2)

V. Terent'yev, Candidate of Technical Sciences.(8)

Institute of Chemical Sciences

A.B. Bekturov is the director of the institute, in addition to being Academician-President of the Department of Mineral Resources.(6)

The Laboratory of Vegetable Raw Materials was ordered by the presidium of the academy to aid the Institute of Botany in the collection of bulbs for the institute.(7) No other reference to this laboratory has been seen.

N.S. Nazarova is a Scientific Associate of the institute.(2) She is the only scientist who has been identified with the institute.

Institute of Refractories and Construction Materials

V.I. Shishkina, P.N. Rabin, S.M. Zubakov, and D.I. Yakovlev, all associates of the institute, are carrying out work on new types of material for the repair of the bottoms of open hearths while still hot.(5)

Institute of Geological Sciences

K.I. Satpayev, Active Member of the academy, is director of the institute.(6)

Other members are S.M. Bandaletov and M.F. Nikitin, both Scientific Associates of the institute.(2)

The following may be members, but no documentation to this effect has been found: N.F. Kolotilin, Candidate of Geological-Mineralogical Sciences, leader of the Caspian Region (Priaspiskoy) Complex Expedition(2); and M.I. Lomonovich, Doctor of Geological-Mineralogical Sciences.(1)

Institute of Power Engineering

The address of the institute is Ul. Uygurskaya 85, Alma-Ata.(10)

Sh.Ch. Chokin, Candidate of Technical Sciences, is director of the institute.(6,7) The deputy director is A.B. Reznysakov, Candidate of Technical Sciences. Reznysakov is responsible for the training of Aspirants in the institute.(7)

R.Zh. Zhulayev, Candidate of Technical Sciences, is the head of a laboratory (not further identified) of the institute.(7)

- 3 -

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

Ye.V. Chupriyanov is a Junior Scientific Associate.(2)

In July 1953, the presidium was urged to authorize the organization of a Laboratory of Complex Hydroengineering.(7)

Institute of Metallurgy and Ore Dressing

There are at least two laboratories in this institute. In May 1953, an advertisement asked for Doctors or Candidates of Technical Sciences to head the laboratories. These laboratories are the Laboratory of Ferrous Metals and Laboratory of Rare Metals.(14) No scientists have been identified with either.

Sector of Geography

No indication of the administrative position of this sector has been found. It has been placed under the Department of Mineral Resources for ease of reference. (Cf. FDD Summary No 28, page 385.)

N.N. Pal'gov, Doctor of Geographical Sciences, is the head of the sector.(6)

DEPARTMENT OF BIOLOGICAL AND MEDICAL SCIENCES

N.U. Bazanova is Academician-President of the Department.(6)

Institute of Soil Studies

U.U. Uspanov, Candidate of Geological-Mineralogical Sciences is the director of the institute, and S.I. Sokolov, Candidate of Geographical Sciences, is deputy director (scientific).(6)

At a June 1953 meeting of the presidium of the academy, there was considerable criticism of the work of some members of the institute; as a result, A.I. Bezsonov, Corresponding Member of the academy, Doctor of Agricultural Sciences (11), was removed from his position as a member of the Scientific Council of the institute, and A. M. Durasov, Candidate of Geological-Mineralogical Sciences and Senior Scientific Associate of the institute, was released from his work. The reason for both actions was the retention of "an unscientific attitude."(6)

Also, I. Yemel'yanov, a party member, was accused of having ingratiated himself with Bezsonov; as a result, it was charged, he was appointed head of a laboratory (not further identified) and a Senior Scientific Associate of the institute, although "everyone in the institute knew that he did not have the necessary experience."(11) It was not stated whether he was relieved of these duties.

Other members of the institute are I.A. Assing, Candidate of Geological-Mineralogical Sciences and Senior Scientific Associate of the institute(6), and L.I. Pachikina, Scientific Associate of the institute.(5)

The following are members of the Laboratory of Microbiology: D. Karaguyisheva and Z. Teplyakova(6), Candidate of Biological Sciences and Senior Scientific Associate of the institute.(11)

Golovkina (fnu) is party secretary in the institute.(11)

- 4 -

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

Institute of Experimental Biology

A.K. Roslyakov, Corresponding Member of the academy, is director of the institute.(1)

Other members are S.N. Bogolyubskiy, Corresponding Member of the academy(2); N.S. Butarin, Candidate of Biological Sciences(1); N.I. Butarin and S.M. Omarov, who conducted a seminar on I.V. Stalin's work "Economic Problems of Socialism in the USSR"(2); and Ye.V. Bol'shakova, Scientific Associate of the institute.(5)

Institute of Botany

N.V. Pavlov, Active Member of the academy(6), is director of the institute.(1)

Other members are L.G. Dobrunov, Doctor of Biological Sciences, who headed an expedition of the institute to study plans for the irrigation of the Caspian depression(12), and S. Zh. Isayev, Scientific Associate.(5)

Botanical Gardens

The following personnel of the gardens have been identified:

L.K. Klyshev, director(7); N. Fadeyeva, Junior Scientific Associate(13); and A.M. Mushegyan, dendrologist at the gardens.(1)

Institute of Desert Irrigation

P.S. Chaban is director of the institute.(1)

Other members are D.K. Madenov, Scientific Associate of the institute(5); and Yu.K. Madenov, Candidate of Agricultural Sciences.(12)

Institute of Zoology

The address of the institute is Ul. Uygurskaya 85, Alma-Ata.(10)

The director of the institute is I.S. Galuzo (an error for I.G. Galuzo?)(6)

N.B. Shlykov, an Aspirant who successfully defended his dissertation for Candidate of Biological Sciences, is a member of the institute.(5) No other members have been identified.

The following institutes and sector have been placed under the Department of Biological and Medical Sciences for ease of reference. Their actual administrative position has not been identified.

Institute of Animal Husbandry

No further information.(6)

Institute of Regional Pathology

B.A. Atchabarov, Candidate of Medical Sciences, was confirmed as director of the institute in May 1953.(6)

The following are members of the institute:

A.T. Aldanazarov, Junior Scientific Associate; defended dissertation for Candidate of Medical Sciences.(6)

- 5 -

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

Ye.N. Bartoshevich, Doctor of Medical Sciences; supervised work by V.Ya. Kuz'michev on intestinal worm infections.(6)

N.D. Beklemishev, Candidate of Medical Sciences; supervised the work of Kh. Kasymova on brucellosis.(6)

U.B. Berdybayev, Candidate of Medical Sciences; supervised work by G.V. Karsybekov on fungoid infections.(6)

A.N. Butorina.(6)

D.R. Dzhamanova; defended her dissertation for Candidate of Medical Sciences.(6)

Ye.K. Gerasimova, Junior Scientific Associate; defended dissertation for Candidate of Medical Sciences.(6)

O.S. Glozman, Doctor of Medical Sciences, Professor; supervised the work of A.T. Aldanazarov and K.K. Makashev on their dissertations.(6)

G.V. Karysbekov, Junior Scientific Associate; worked on fungoid infections.(6)

Kh. Kasymova, Junior Scientific Associate; worked on brucellosis.(6)

V.Z. Khamitova.(6)

V.Ya. Kuz'michev, Junior Scientific Associate; worked on intestinal worm infections.(6)

K.K. Makashev, Junior Scientific Associate; defended his dissertation for Candidate of Medical Sciences.(6)

R.K. Makasheva (related to K.K. Makashev?), Aspirant; defended her dissertation for Candidate of Medical Sciences.(6)

A.S. Sokolov, Candidate of Medical Sciences; probably a member of the Division of Balneology of the institute; led an expedition to study the curative properties of Lake Edil'bay-Sor.(6)

G.A. Shtess, Aspirant; defended her dissertation for Candidate of Medical Sciences.(6)

T.I. Zabozyayeva; co-author with A.S. Sokolov of a description of the work of the expedition to Lake Edil'bay-Sor; may also be a member of the Division of Balneology.(6)

Sector of Microbiology

P.A. Bulanov, Doctor of Biological Sciences, was confirmed as head of the sector at the General Meeting of the academy in May 1953.(6)
No further information has been found on the work of the sector.

Institute of Physiology

The following are members of the institute: A.P. Polosukhin, Professor; and Sh.I. Irzhanov, Junior Scientific Associate.(4)

- 6 -

S-E-C-R-E-T

50X1-HUM

S-E-C-R-E-T

V.F. Solomina may be a member, since she thanked Irzhanov for carrying out the experimental part of the work described in her article "The Pathomorphology of Alimentary Experimental Silicosis."(4) No other members have been identified.

OTHER BRANCHES OF THE ACADEMY

There are various bases and affiliates of the Academy, but little information has been found on their organization or personnel. References to the following have been noted:

Ural-Embenskiy Scientific Research Base of the West Kazakhstan Affiliate of the Academy. S.V. Meshcheryakov, Senior Scientific Associate is the only member identified.(2)

Kzyl-Ordinskiy Scientific Research Base in the town of Kzyl-Orda. I.M. Nazarenko, Candidate of Geographical Sciences, was dismissed from the post of director of the base, and A.I. Volkov was appointed acting director in his place.(2)

Dzhezkazgan Scientific Research Base. This base is responsible with the Kzyl-Ordinskiy Base for developing a method of making desert soils friable.(6)

Bostandykskiy Scientific Research Base. The director of the base, A.V. Paravyan, Candidate of Biological Sciences, gave a report on tea culture in portions of the Kazakh SSR.(14)

ACADEMY MEMBERS WHOSE AFFILIATION IS NOT KNOWN

R.A. Borukayev, Corresponding Member of the academy.(1) He may still be deputy director of the Institute of Geological Sciences; see Soviet Men of Science (CIA/CD 1).

A. Garbasov, Corresponding Member of the academy; author of the article "Short Notes on Plant Cultivation Without Artificial Irrigation in the Deserts of Kazakhstan."(5)

I.K. Karakulov, Corresponding Member of the academy.(1) For further information, see Soviet Men of Science (CIA/CD 1).

A.Kh. Margulan, Corresponding Member of the academy; presented the article "The Finding of Paleolithic Weapons in the Northeastern Parts of Central Kazakhstan," written by A.G. Maksimova.(2) No further information is available on Maksimova.

Academician V.A. Obruchev, Honorary Member of the academy.(1)

I.V. Pavlov, Active Member of the academy; delivered a report "The Next Problems Confronting Geographical Sciences in Kazakhstan" at a meeting of the Kazakh Affiliate of the All-Union Geographical Society.(6)

- 7 -

S-E-C-R-E-T

S-E-C-R-E-T

50X1-HUM

DIVISION OF ASPIRANTS

In an advertisement, this division listed the fields of study in which Aspirants would be accepted for the year 1953-1954. The address to which applications were to be sent was Ul. Kirova 89, Alma-Ata, Telephone No 35-03.(14)

PERIODICALS PUBLISHED BY THE ACADEMY

The following periodicals are published by the academy.

Vestnik Akademii Nauk, Kazakhskoy SSR (Herald of the Academy of Sciences Kazakh SSR). Editorial board: D.A. Kunayev, Active Member of the academy (president); N.T. Sauranbayev, Active Member of the academy (deputy president, editor in chief); D.S. Gorrshenin (secretary in chief); A.I. Iskakov, Candidate of Philological Sciences; K.P. Persidskiy, Active Member of the academy; S.N. Pokrovskiy, Active Member of the academy (Academician-President of the Department of Social Sciences[17]); A.K. Roslyakov, Corresponding Member of the academy; D.V. Sokol'skiy, Active Member of the academy; and S.Ye. Tolybekov, Candidate of Economic Sciences.(7)

Izvestiya Akademii Nauk, Kazakhskoy SSR (News of the Academy of Sciences Kazakh SSR), which is published in the following series: Seriya Krayevoy Patologii (Regional Pathology)(1); Seriya Biologicheskaya (Biology)(2); Seriya Zoologicheskaya (Zoology)(6); and Seriya Geologicheskaya (Geology).(6)

SOURCES

1. Alma-Ata, Vestnik Akademii Nauk, Kazakhskoy SSR, No 1(94), Jan 53
2. Ibid., No 2 (95), Feb 53
3. Ibid., No 3 (96), Mar 53
4. Ibid., No 4 (97), Apr 53
5. Ibid., No 5 (98), May 53
6. Ibid., No 6 (99), Jun 53
7. Ibid., No 7 (100), Jul 53
8. Alma-Ata, Kazakhstanskaya Pravda, 11 Apr 53
9. Ibid., 10 May 53
10. Ibid., 6 May 53
11. Ibid., 10 Apr 53
12. Ibid., 14 Apr 53
13. Ibid., 20 May 53
14. Ibid., 22 May 53

50X1-HUM

- E N D -

- 8 -

S-E-C-R-E-T